

Technical Data sheet

Product : EGNM(E_glass fiber needle mat)

date : 30/OCT./2018

Technical data

Color	White	
Weave	Needled free of binder	
Odour	Odourless	
Thermal conductivity	0.033w/m·k	KS L 9016
Max. Temperature rang	650°C	Furnace
Fiber diameter	≥ 5µm	Microscope
Heat resistance(Bending)	No crack	650°C, 4hr
Chemical composition	SiO ₂ ≥ 52%	KS E 3076:2017
RoHS	Pb≤1,000mg/kg, Cd≤100mg/kg	Hg≤1,000mg/kg, CrVI≤1,000mg/kg

Dimension data

Type	Thickness (mm)	Unit weight (g/m ²)	Density (kg/m ³)	Width (mm)	Roll length (m)
EGNM_4T	4 +1, -1	400 +80, -40	100 +20, -10	1,000 +10, -0	50 +0.3, -0
EGNM_6T	6 +2, -1	600 +120, -60	100 +20, -10	1,000 +10, -0	40 +0.3, -0
EGNM_8T	8 +2, -1	960 +120, -80	100 +20, -10	1,000 +10, -0	30 +0.3, -0
EGNM_10T	10 +2, -2	1,100 +200, -100	110 +20, -10	1,000 +10, -0	25 +0.3, -0
EGNM_12T	12 +2, -2	1,680 +240, -120	140 +20, -10	1,000 +10, -0	20 +0.3, -0
EGNM_15T	15 +2, -2	2,100 +300, -150	140 +20, -10	1,000 +10, -0	15 +0.3, -0
EGNM_20T	20 +3, -2	2,800 +400, -200	140 +20, -10	1,000 +10, -0	10 +0.3, -0
EGNM_25T	25 +3, -2	4,000 +500, -250	160 +20, -10	1,000 +10, -0	10 +0.3, -0

* Dimension are subject to change after consulting the customer.

